

US EPA ARCHIVE DOCUMENT



Sediment Sampling Report

Sample Number	UPMB-SD
Medium	Sediment
City, State	Daphne, Alabama
Latitude	30.602637
Longitude	-87.9463
Sample Date	9/12/2010

Impacts on Aquatic Life		
Benchmark Levels	Level of Concern for Aquatic Life	Impacts on Aquatic Life
Below EPA risk-based guidelines and state water quality standards for protection of aquatic life.	Low	Below levels that pose problems for aquatic life.
Above EPA risk-based guidelines or state water quality standards for chronic exposure.	Moderate	Levels that might impact the health, growth or reproductive activity of aquatic life if exposed for an extended period of time.
Above EPA risk-based guidelines or state water quality standards for acute exposure or failed a toxicity test.	High	Elevated potential for mortality among aquatic life

Sediment Benchmarks for Aquatic Life by Chemical

<http://www.epa.gov/bpspill/sediment-benchmarks.html>

Category	Acute Ratio About this	Exceeds Acute Ratio?	Chronic Ratio About this	Exceeds Chronic Ratio?
Oil Related Organic Compounds	.002	No	.006	No

Contaminant Name	CAS Number	Result	Unit	Get More Information about this Chemical
Benzo[E]Pyrene	192-97-2	ND	ug/Kg	ATSDR CAMEO Chemicals EPA SRS
Perylene	198-55-0	13	ug/Kg	ATSDR CAMEO Chemicals EPA SRS
Toc	TOC	.65	%	ATSDR CAMEO Chemicals EPA SRS